How Bluefin ensures 24x7x365 operation and application availability for PayConex and Decryptx

Essential to POS for retail, mobile, call centers and kiosks
Serve your SaaS customers better. In the cloud, around the globe, with maximum availability.

- We live in a subscription economy
- “Winners” have shifted from product ownership to subscription services
- Customers expect subscription experience:
  - immediate fulfilment,
  - anywhere,
  - real-time

All companies are turning into digital product businesses
In this webinar series, we will cover...

1. How we ensure and enhance the subscription experience of four (4) select SaaS customers
2. How we provide revenue protection, and
3. How we enable global revenue growth
In this webinar series, we discuss...


Bluefin Payment Systems: Bluefin’s PayConex payment gateway and Decryptx decryption-as-a-service run on multiple Tungsten Clusters in two geo-distributed data centers, providing database high availability and disaster recovery.

NewVoiceMedia: Continuent provides continuous operations for UK-based NVM’s geographically distributed ContactWorld SaaS applications with Tungsten Clusters in USA, EMEA, and APAC.

Samsung: Continuent recently migrated Samsung ARTIK IoT platform from Amazon RDS to Tungsten Clustering multisite solution running on AWS EC2 instances.
In this webinar series, we will look at …

• How we ensure and enhance the subscription experience of four (4) select SaaS customers
• How we provide revenue protection
• How we enable global revenue growth
• Today’s customer case: How Bluefin provides 24x7x365 operation and application availability for PayConex payment gateway and Decryptx decryption-as-a-service
In this webinar series, we will look at how Continuent Tungsten provides...

- Revenue protection
- Revenue upside
- Lower cost
- Complete solution
- Sterling 24/7 customer service
Overview

- Why Bluefin uses Continuent
- Technical solution
- Private Colo Deployment
- Conclusions
Why Bluefin Uses Continuent

Revenue Protection

- Continuent provides continuous operation
- 99.999% availability
- Site-level and cross-site failover ensures application availability
- Full DR supports failures between DCs
- Full transfer of service during failure
- Multiple layers of resiliency
- 24/7 support to get back online
Why Bluefin Uses Continuent

Revenue Upside

• High availability
• Failover is invisible to clients
• Guaranteed uptime
• ‘Without Continuent we couldn’t do what we do’
• Ability to reroute traffic automatically
• Better customer experience
Why Bluefin Uses Continuent

Lower Cost

• Tungsten Clustering is deployable within cloud, virtual and bare metal environments
• Deployable across environments
• Optimum customer-driven costs by selecting their chosen environment
• Bluefin use co-located datacenters
• Commercial solution easier to maintain
Why Bluefin Uses Continuent

Complete Solution

• Ten years of development supports a full product
• Seamless solution with management and monitoring
• No manual management
• Developers just treat as a database
• Platform agnostic
• No custom tools or customer integration required
• Abstraction provided by Tungsten Connector is vital
Why Bluefin Uses Continuent

Customer Service
- 24/7 customer support
- Average response of less than 5 minutes
- Uptime measured in months or years
- Continuent engineers each have 15+ years experience
Technical Detail

- Two services
  - Payment gateway and Decryption as a Service, identical deployments
  - Production, Certification and Staging (UAT)
- Two collocated datacenters
- Multimaster replication between each cluster in each DC
- Full failover within the cluster and between clusters
- Handle approx. 350m records each month
Conclusion: Tungsten Clustering with multimaster allows Bluefin to perform and grow

- Increased revenue protection
- Maximum resiliency in datacenter and between
- Easy to manage and deploy
- Connector provides required abstraction
- Lower cost through complete solution
- Customer service provides peace of mind
With Continuent Tungsten Clustering, you get...

- Revenue protection
- Revenue upside
- Lower cost
- Complete solution
- Stellar customer support
Next Steps

• Sign up for a private demo for your team, setup a POC, email us at sales@continuent.com

• Learn more at your own pace
  – Whitepapers at www.continuent.com/white-papers/
  – Read the documentation at http://docs.continuent.com/
  – Training and webinar library at www.continuent.com/videos/
  – Subscribe to our YouTube channel at http://tinyurl.com/TungstenUni

• Follow us on Twitter @Continuent and facebook.com/Continuent
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